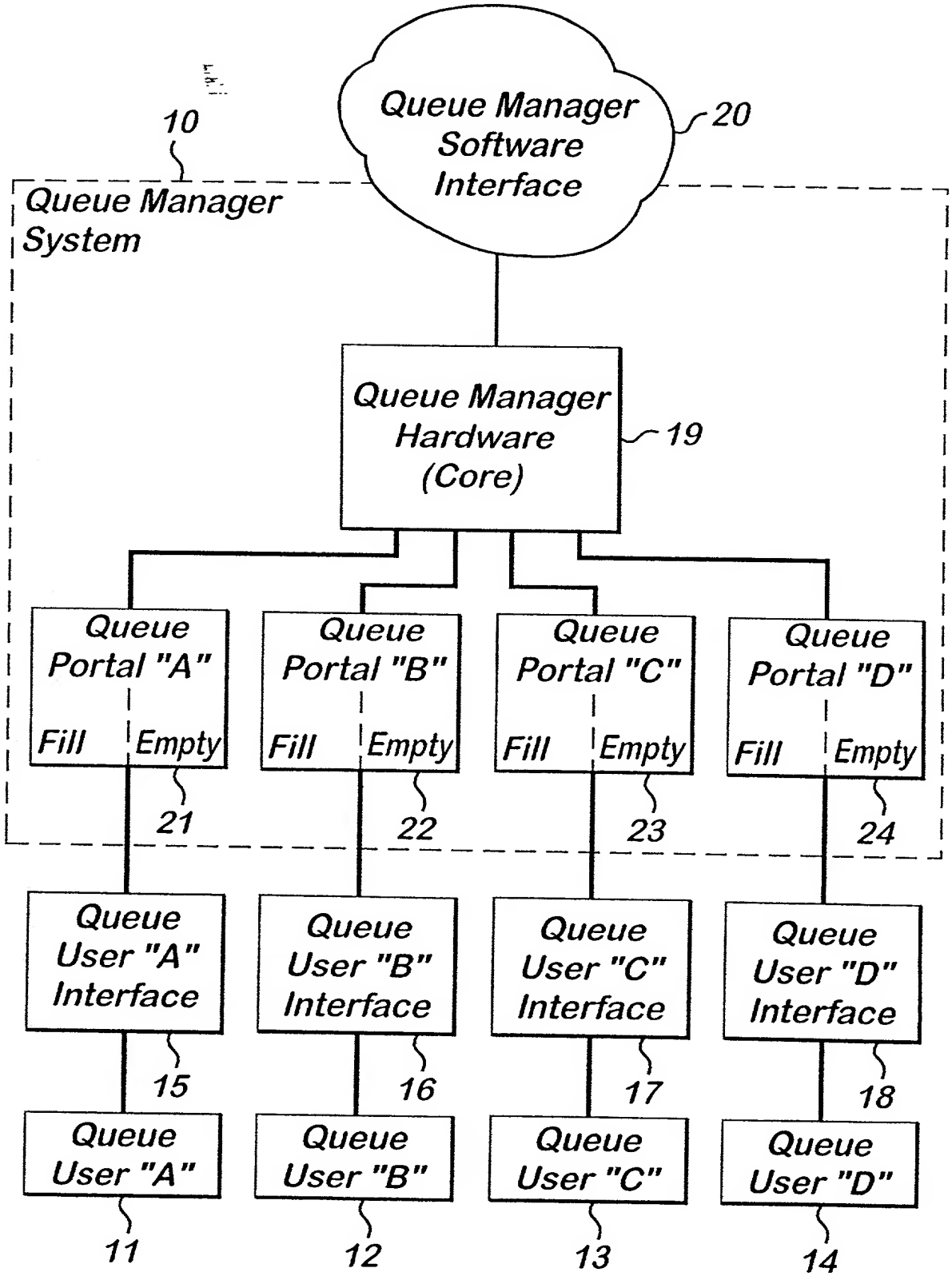
Fig. 1


Queue Manager Software Interface
20
10
Queue Manager System
Queue Manager Hardware (Core)
19
Queue Portal "A"
Fill
Empty
Queue Portal "B"
Fill
Empty
Queue Portal "C"
Fill
Empty
Queue Portal "D"
Fill
Empty
21
22
23
24
Queue User "A" Interface
Queue User "B" Interface
Queue User "C" Interface
Queue User "D" Interface
15
16
17
18
Queue User "A"
Queue User "B"
Queue User "C"
Queue User "D"
11
12
13
14